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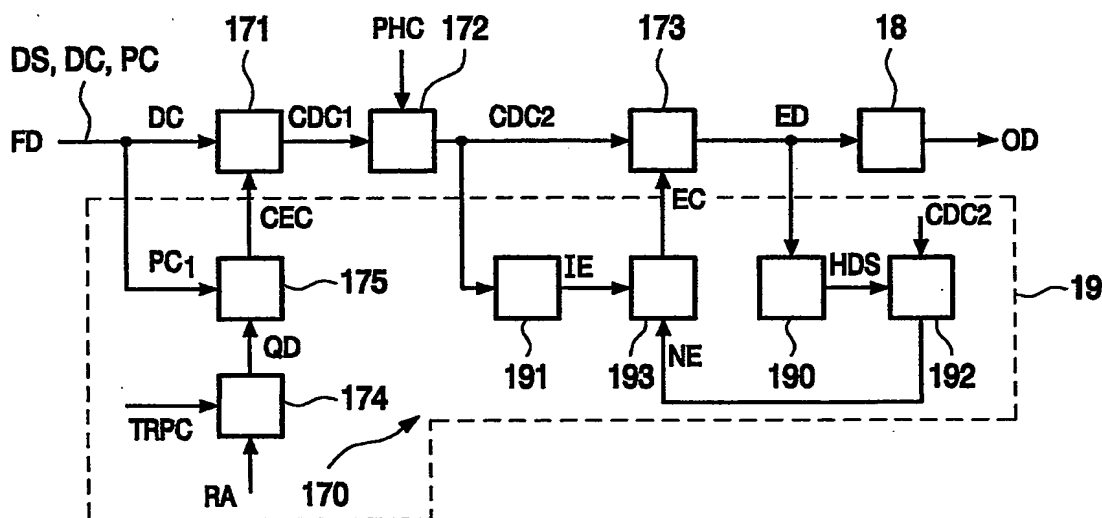
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(54) Title: RECEIVER FOR MULTI-CARRIER COMMUNICATION SYSTEM



(57) Abstract: A receiver for a multi-carrier communication system receives training pilot carriers (TRPC) during a training symbol (T1, T2) which precedes data symbols (DS) which have data carriers (DC) and data pilot carriers (PC). The receiver has a correction unit (171) which supplies, under control of a control signal (CEC), a corrected signal (CDC1) which has the data carriers (DC) which are corrected for a common amplitude error and/or common phase error. A quality determination unit (174) determines which ones of the training pilot carriers (TRPC) which occur at positions of the data pilot carriers (PC) fulfill a predetermined quality criterion A control unit (175) supplies the control signal (CEC) which is dependent on an amplitude and/or phase of the data pilot carriers (PC) of which corresponding training pilot carriers (TRPC) fulfill the predetermined quality criterion, and not on the data pilot carriers (PC) of which corresponding training pilot carriers (TRPC) do not fulfill the predetermined quality criterion.



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